

Message (Digitally Signed)

From: Fly, Lora B CIV NAVFAC MIDLANT, IPTNE [lora.fly@navy.mil]
Sent: 10/3/2015 1:02:54 AM
To: Stan Carey [scarey@massapequawater.com]; 'Michael J. Boufis' [mboufis@bethpagewater.com]; Len@SFWATER.COM; Richard.Kern@amwater.com; jreinhardt@tohmail.org
CC: 'Wilkie, Henry (DEC)' [henry.wilkie@dec.ny.gov]; 'Karpinski, Steven (HEALTH)' [steven.karpinski@health.ny.gov]; 'Scharf, Steven (DEC)' [steven.scharf@dec.ny.gov]; Harrington, Jim (DEC) [jim.harrington@dec.ny.gov]; Garbarini, Doug [Garbarini.Doug@epa.gov]
Subject: RE: NWIRP Monthly Report
Attachments: smime.p7s

Mr. Carey,
The following are our responses to your questions:

1. Preparing access agreement for monitoring wells and outpost monitoring wells

**Does this include an additional westerly monitoring well for Massapequa?

Yes

2. Conducting preliminary evaluations to locate extraction wells, treatment plant(s), and recharge facilities for a potential system to address hotspot groundwater in the deep western plume

**Can you please expand on this more? Why would the Navy conduct preliminary evaluations for "potential well"? MWD understood this was further along than the Navy is reporting.

As you know the Navy is working with Northrop Grumman to address the RE-108 Hot Spot. The Navy is working on a two prong approach. In cooperation with BWD, the Navy is executing a pilot study at Plant 6 to determine the extent of the capture of the hotspot by operating the system at or near capacity. As part of the pilot study, a model will be developed to identify the portion of the residual hotspot area that may not be captured by operation of BWD Plant 6. In conjunction with this pilot study, the Navy is developing various scenarios for the preliminary extraction system design which takes into account the capture portions of the plume that are greater than 500 ug/L VOCs and are in close proximity to the 1,000 ug/l isoconcentration assuming that BWD Well 6-2 is operating at 90% of capacity and assuming that BWD Well 6-2 is not operating. These approaches will be discussed during the EPA Meeting on October 29.

3. Monitor and analyze data logger data for outpost wells for Levittown, South Farmingdale, and Massapequa Water Districts to confirm hydraulic connectivity;

** What data logger information has been collected for Massapequa? We have not been contacted to participate with our wells.

The Navy installed dataloggers in the outpost monitoring wells the first week of August, and we have been monitoring the loggers to ensure they are all operating and recording successfully. Next week the Navy will send out a request to the water districts to provide pumping schedules (timing, discharge rates) that the Navy can then use to correlate with the datalogger information from the outpost wells. This information will be reviewed monthly over an anticipated period of three months, whereupon a report will be prepared documenting the results of the correlations. This data will determine if the outpost wells are hydraulically connected to the production wells.

R/
Lora

-----Original Message-----

From: Stan Carey [mailto:scarey@massapequawater.com]
Sent: Thursday, October 01, 2015 2:14 PM
To: Fly, Lora B CIV NAVFAC MIDLANT, IPTNE; 'Michael J. Boufis'; Len@SFWATER.COM; Richard.Kern@amwater.com; jreinhardt@tohmail.org
Cc: 'Wilkie, Henry (DEC)'; 'Karpinski, Steven (HEALTH)'; 'Scharf, Steven (DEC)'; Harrington, Jim (DEC); Garbarini, Doug
Subject: RE: NWIRP Monthly Report

Ms. Fly,
A few questions on the monthly Navy report. Please see my questions below**.
Thank you.

1. Summary and Progress
. Continue operation of NYAW permanent GAC system
. Preparing access agreement for monitoring wells and outpost monitoring wells **Does this include an additional westerly monitoring well for Massapequa?

. Continued operation of GM-38 Treatment System
. Conducting preliminary evaluations to locate extraction wells, treatment plant(s), and recharge facilities for a potential system to address hotspot groundwater in the deep western plume **Can you please expand on this more? Why would the Navy conduct preliminary evaluations for "potential well"? MWD understood this was further along than the Navy is reporting.
. Monitor and analyze data logger data for outpost wells for Levittown, South Farmingdale, and Massapequa Water Districts to confirm hydraulic connectivity; ** What data logger information has been collected for Massapequa? We have not been contacted to participate with our wells.
. Monitor and analyze datalogger data from wells north of Hempstead Turnpike in association with Pilot Test for BWD well 6-2
. Currently drilling: VPB 160; and RE-114D3 (VPB148)
. Completed drilling: VPB 155; RE-123D3 (VPB157); RE-107D1 (VPB 141); and RE-107D2 (VPB141)

Stan Carey, Superintendent
Massapequa Water District

-----Original Message-----

From: Fly, Lora B CIV NAVFAC MIDLANT, IPTNE [mailto:lora.fly@navy.mil]
Sent: Wednesday, September 30, 2015 5:11 PM
To: Michael J. Boufis (mboufis@bethpagewater.com); 'Stan Carey' (scarey@massapequawater.com); Len@SFWATER.COM; Richard.Kern@amwater.com; jreinhardt@tohtml.org
Cc: Wilkie, Henry (DEC) (henry.wilkie@dec.ny.gov); Karpinski, Steven (HEALTH) (steven.karpinski@health.ny.gov); Scharf, Steven (DEC) (steven.scharf@dec.ny.gov)
Subject: NWIRP Monthly Report

Good Evening,
Attached is the monthly report for the OU2 activities at NWIRP Bethpage.
R/
Lora Fly
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